MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

APRIL, 1929

J. A. BROWN, DIRECTOR

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APRIL 1929
METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	61.0	61.7	62.2	61.6	16.7	12.2	16.0	18.3	15.4	16.6
2	4.5	4.7	5.2	4.8	19.6	14.1	17.6	20.1	14.9	17.5
3	5.2	4.0	3.8	4.3	17.7	11.7	16.3	19.3	15.6	17.1
4	2.2	59.5	58.5	0.1	20.2	13.0	17.4	19.1	17.2	17.9
5	56.6	6.6	7.6	56.9	20.3	13.0	20.9	23.4	18.2	20.8
6	56.5	56.8	60.5	57.9	25.0	16.9	22.8	21.7	16.5	20.3
7	62.3	61.8	1.4	61.8	26.7	13.9	17.5	18.5	15.2	17.1
8	59.8	58.0	57.4	58.4	19.5	12.8	16.0	18.2	15.7	16.6
9	6.3	7.7	60.7	8.2	18.9	14.2	17.6	17.5	16.2	17.1
10	62.1	62.3	3.4	62.6	21.3	13.3	17.5	19.2	13.9	16.9
11	64.0	63.4	64.9	64.1	19.7	12.3	17.4	19.9	16.2	17.8
12	2.8	1.1	59.8	1.2	20.4	14.7	17.8	20.1	17.3	18.4
13	56.6	56.1	4.6	55.8	24.8	14.4	27.1	26.9	21.7	25.2
14	5.5	6.2	7.6	6.4	27.7	17.8	18.8	21.0	16.7	18.8
15	8.3	8.5	9.6	8.8	24.9	15.0	18.3	19.8	16.1	18.1
16	61.3	62.1	63.4	62.3	20.7	15.0	18.9	21.2	16.1	18.7
17	2.9	2.1	1.6	2.2	21.9	13.4	18.2	20.1	16.7	18.3
18	59.8	59.1	58.6	59.2	21.3	14.5	18.7	20.1	16.7	18.5
19	7.6	8.2	9.4	8.4	22.1	14.7	18.4	20.6	16.4	18.5
20	60.2	60.3	60.8	60.4	21.5	13.9	17.2	16.9	14.4	16.2
21	59.2	56.5	56.8	57.5	17.2	11.4	12.6	12.4	11.2	12.1
22	7.5	9.6	61.4	9 5	14.7	10.1	15.8	16.8	15.8	16.1
23	63.7	64.4	5.4	64.5	17.2	11.9	17.8	19.2	15.6	17.5
24	5.4	4.7	3.3	4.5	17.6	13.8	18.3	22.8	18.1	19.7
25	1.1	59.1	59.3	59.8	23.2	16.8	22.9	27.8	21.8	24.2
26	61.1	61.5	62.1	61.6	28.7	16.8	19.2	21.1	16.4	18.9
27	3.5	3.1	4.1	3.6	21.4	16.7	19.1	20.4	16.4	18.6
28	4.4	4.1	3.3	3.9	21.0	14.8	17.5	20.3	16.7	18.2
29	3.6	2.6	1.8	2.7	20.6	15.3	19.1	22.4	19.4	20.3
30	1.5	1.0	1.2	1.2	23.0	15.3	21.5	23.4	18.9	21.3
	60.88	60.56	60.99	60.81	21.18	14.12	18.47	20.28	16.57	18.44

Barometer, Range for month 754.6-765.4 m.m.
,, 50-yr. average for month 760.04 m.m.
Thermometer, Range for month 10°.1-28°.7
,, 50-yr. average for month 18.°90
Rain, total for month 61.21 m.m.
,, , 50-yr average for month 55.88m.m.
,, , total. Sept. 1st to end of month 1069.20m.m.
,, , 50-yr average, Sept. 1st to end of month. 881.90m.m.

APRIL 1929

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun	Rain
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	hrs.	m.m.
1	12.2	14.7	13.2	8.5	10.3	10.0	9.6	63	66	77	69	7.6	
2	14.8	15.9	2,8	8.3	10.9	9.7	9.6	72	62	78	71	10.5	
3	14.1	15.8	14.1	10.6	11.2	11.0	10.9	77	67	84	76	11.4	
4	14.6	16.0	15.9	10.6	11.5	12.6	11.6	71	70	87	76	10.8	
5	18.1	17.4	15.2	13.5	11.2	11.0	11.9	74	53	71	66	2.5	
6	17.2	17.8	14.7	11.0	12.6	11.2	11.6	54	65	80	66	6.8	
7	13.0	14.0	12.4	8.7	9.3	9.2	9.1	59	59	71	63	9.6	
8	13.3	15.5	14.3	9.8	11.4	11.3	10.8	73	74	86	78	11.0	
9	15.7	15.8	14.3	12.0	12.3	10.9	11.7	80	82	80	81	0.2	
10	13.5	14.7	11.8	9.3	9.9	9.1	9.4	62	60	77	66	10.6	
11	13.1	15.9	13.4	8.8	11.0	9.8	9.9	59	63	72	65	11.8	
12	14.0	16.4	15.9	9.7	11.6	12.4	11.2	64	66	85	72	11.2	
13	18.4	17.6	14.1	10.8	9.7	8.2	9.6	41	35	42	39	10.0	
14	16.2	17.5	14.9	12.6	12.5	11.4	12.2	70	68	81	73	11.8	
15	15.1	16.2	13.3	10.8	11.5	9.7	10.7	69	67	72	69	8.5	
16	15.6	17.5	14.9	11.0	12.5	11.8	11.8	68	67	87	74	11.6	
17	15.6	16.7	15.6	11.4	12.0	12.4	11.9	74	69	87	77	11.3	
18	15.3	17.5	15.4	10.8	13.1	12.2	12.0	68	75	87	77	12.2	
19	16.4	16.9	14.4	12.5	12.0	11.0	11.8	80	66	80	75	11.5	
20	13.7	13.0	12.4	9.4	9.0	9.4	9.3	62	62	77	67	6.2	3.43
21	12,2	12,1	10.7	10.3	9.7	9.1	9.7	95	90	92	92	0.0	42.29
22	12,7	14.2	13.3	9.2	10.4	9.9	9.8	68	73	74	72	4.8	15.49
23	14.7	16.2	14.8	11.2	11.8	12.1	11.7	74	71	92	79	11.0	
24	16.3	16 0	12.2	12.5	9 8	7.7	10.0	80	47	49	59	10.2	
25	16.6	18.4	15.2	10.4	10.4	9.3	10.0	49	38	48	45	6.2	
26	17.6	17.8	14.8	13.9	13.0	11.5	12.8	84	69	83	79	12.5	
27	16.1	17.3	15.3	11.7	12.5	12.2	12.1	71	70	88	76	12.4	
28	16.1	17.8	15.7	12.7	13.5	12.3	12.8	85	75	86	82	3.2	
29	17.8	19.4	18.2	14.2	14.6	14.6	14.5	85	73	87	82	10.2	
30	19.4	18.9	16.3	15.2	13.3	12.1	13.5	79	62	74	72	11.8	
31													
	15.31	16.36	14.32	11.05	11.48	10.84	11.12	70.3	65.5	77.8	71.3	8.98	2.04

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

APRIL 1929

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	8ni	6ci cu	4ni cu	6.0	3w	4w	3sw	560.4	slight	tr. rain
2	8nicu	4str cu	0	4.0	2sw	2sw	0	484.4	mod.	tr. rain
3	0	1cu	0	0.3	0	1nw	2n	175.3	light	haze d. day
4	2ci	6ci	0	2.7	1n	3n	1n	100.1	,,	
5	10ni cu	10ni	0	6.7	1sw	1n	0	317.0	mod.	
6	10ni cu	6ci cu	0	5.3	1se	2sw	1sw	260.7	,,	
7	2cu	9ni	0	3.7	2w	3sw	0	322.4	,,	haze in a.m.
8	8altci	0	0	2.7	2nw	3n	0	124.7	light	
9	10ni	10ni	8ni	9.3	2s	2s	1s	171.4	,,	
10	2ci cu	2cicu	0	1.3	1sw	2sw	0	209.5	,,	tr.rain
11	0	0	0	0.0	1n	1nw	3n	51.2	calm	
12	6ci str.	8ci	0	4.7	1ne	1se	0	173.2	light	solar halo
13	4ci	8ci	0	4.0	0	0	0	172.8	,,	sirocco
14	1cu	1cu	0	0.7	4sw	4s	3s	823.5	slight	haze d. day
15	3str	8cistr	2str cu	4.3	3s	4s	3se	756.9	slight	
16	2cu	2cu	3str.cu	2.3	4s	4sw	2s	763.8	slight	haze d. day
17	2cu	0	0	0.7	1ne	2ne	1n	101.1	light	haze d. day
18	0	0	0	0.0	0	2n	0	64.1	calm	dew
19	2ci	1cicu	6ci cu	3.0	1sw	1sw	2sw	271.2	light	dew
20	8ni	10ni	10ni	9.3	2s	1s	1s	193.1	,,	
21	10ni	10ni	10ni	10.0	1w	2w	0	188.2	,,	
22	6ni cu	10ni	6nicu	7.3	5s	6s	5s	786.2	rough	t.l.r.h,d.&ni.
23	1cu	2cicu	0	1.0	2sw	2s	0	508.0	mod.	haze in p.m.
24	0	4ci	2cicu	2.0	0	1sw	0	232.7	light	haze d. day
25	8ci ni	3ci	0	3.7	0	0	1sw	180.8	,,	sirocco
26	1str.cu	1cu	0	0.7	2sw	2sw	0	614.5	,,	
27	2cu	1ci	0	1.0	2sw	1sw	0	145.3	,,	
28	10ni	8ci	0	6.0	1s	0	0	152.9	calm	
29	6ci	4ci	1cu	3.7	1ne	0	1nw	25.1	,,	
30	0	0	0	0.0	0	0	0	72.1	,,	haze in a.m.
				3.55				291.75		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	2	3	0	1	6	8	3	1	6
14:30	3	1	0	1	6	9	3	2	5
20.30	4	0	0	1	5	4	0	1	15
Totals	9	4	0	3	17	21	6	4	26

Number of days with rain 3, fog 0, thunderstorms 1, gales 0.
50-yr average number of days with rain during month 6.3